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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete If Known	
				Application Number	10/629,328
				Filing Date	7/29/2003
				First Named Inventor	John William Barr
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	31464.UT

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AA	5,341,531			Straub et al.	08/30/1994	
AB	6,481,030			Bravo et al.	11/19/2002	
AC	2,644,173			James	07/07/1953	
AD	5,530,974			Rains et al.	07/09/1996	
AE	6,347,422			Heavrin	02/19/2002	
AF	6,473,923			Straub	11/05/2002	
AG	4,873,734			Pollard	10/17/1989	
AH	4,754,509			Pollard	07/05/1988	
AI	US2002013383			Perez et al	09/26/2002	
AJ	US20020042954			Straub	04/18/2002	
AK	4,042,278			Jensen	08/16/1997	
AL	5,794,289			Wortman et al.	08/18/1998	
AM	6,079,070			Flick	06/27/2000	
AN	4,356,579			Bond	11/02/1982	
AO	5,381,571			Gabhart	01/17/1995	
AP	5,357,641			Schubert	10/25/1994	
AQ	US20020170117			Flick et al.	11/21/2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office	Number ²	Kind Code ³ (If known)				

Examiner Signature		Date Considered	5/20/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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